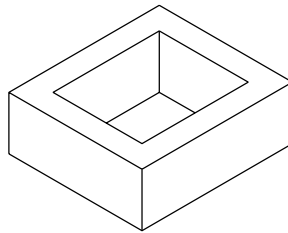
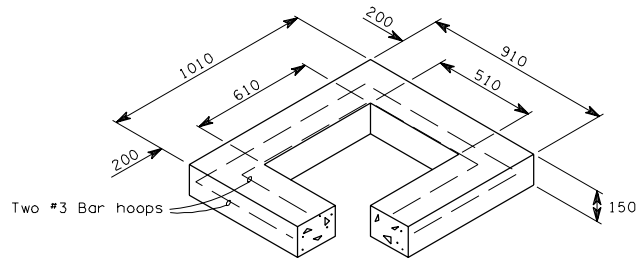


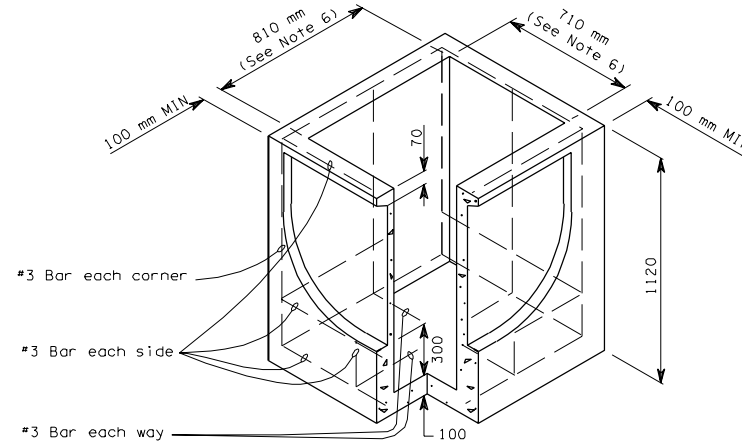
FRAME AND VANED GRATE



RECTANGULAR ADJUSTMENT SECTION



REDUCING SECTION



PRECAST BASE SECTION

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE NOTED

CATCH BASIN TYPE 1L

STANDARD PLAN B-1a

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER

DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

NOTES

1. As an acceptable alternate to rebar, wire mesh having a minimum area of 0.25 square mm per mm may be used. Wire mesh shall not be placed in knockouts.
2. The knockout diameter shall not be greater than 650 mm. Knockouts shall have a wall thickness of 50 mm minimum to 65 mm maximum.
3. The maximum depth from the finished grade to the pipe invert shall be 1.5 m.
4. Frame and grate may be installed with flange down or cast into adjustment section.
5. The precast base section may have a rounded floor and the walls may be sloped at a rate of 24:1 or steeper.
6. Opening shall be measured at the top of the precast base section.